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		S. PATENT DOCUMENTS						
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,_,_		Andreas E. Savakis et al.	-		-	05/23/2	001	
USSN 10/143,272		Lawrence S. Chen et al.			=	05/10/2	002	
5,835,616	11/10/1998	Niels da Vitoria Lobo et al.	382	118		06/17/1	994	
6,393,150	05/21/2002	Yongchun Lee et al.	382	176 12/04/199		998		
	FORE	IGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS		TRANSLATION YES NO		
EP 1 109 132 A2	06-20-2001	EPO	G0G T	7/60			Х	
EP 1 280 107 A2	01-29-2003	EPO	G0G T	9/00				
	OTHER ART /Inche	ding Author Title Date Partinent Pages 6	ra l					
"Automatic Text Lo No. 12, pp. 2055-20	cation in Images a	and Vido Frames" by a.K. Jain	n in <i>Pat</i>	tern R	ecog	nition, V	ol. 31,	
"Recognizing Chara No. 2, pp. 214-220.	cters in Scene Ima	ages" by J. Ohya et al. IEEE	Transac	ctions	on P	AMI, Vo	l. 16,	
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US2002/0078043A1 06-20-2002 Pass et al. 767 6 3,670,310 06-13-1972 Bharwani et el. 767 3 5,995,978 11-30-1999 Cullen et al. 707 1044 6 6,128,102 10-03-2000 Ota 3,5\$ 463 6,253,201B1 06-26-2001 Abdel-Mottaleb et al. 707 4 FOREIGN PATENT DOCUMENTS Examiner Initial* OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) ROHINI K SRIHARI: "AUTOMATIC INDEXING AND CONTENT-BASED RETRIEVAL OF CAPTIONED IMAGES" Computer, IEEE Computer Society, Long Beach, CA, US, US, Vol. 28, No. 9, 1 September 1995 (1995-09-01), pages 49-56, XP000528008, ISSN: 0018-9162 ZHONGFEI ZHANG ET AL: "FACE DETECTION AND ITS APPLICATIONS IN INTELLIGENT AND FOCUSED IMAGE RETRIEVAL", Tools with Artifical Intelligence, 1999, Proceedings 11th IEEE International Conference on Chicago, IL, USA 9-11 Nov. 1999, Los Alamitos, CA, USA, IEEE Comput. Soc., US, 9 November 1999 (1999-11-09), pages 121-128, XP010365153, ISBN: 0-7695-0456-6	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS				
3,670,310 06-13-1972 Bharwani et el. 707 3 5,995,978 11-30-1999 Cullen et al. 707 104.1 6,128,102 10-03-2000 Ota 3,5% 403 6,253,201B1 06-26-2001 Abdel-Mottaleb et al. 707 4 FOREIGN PATENT DOCUMENTS Examiner Initial* OTHER ART (Including Author, Title, Date, Pertinent Pages, Elc.) ROHINI K SRIHARI: "AUTOMATIC INDEXING AND CONTENT-BASED RETRIEVAL OF CAPTIONED IMAGES" Computer, IEEE Computer Society, Long Beach, CA, US, US, Vol. 28, No. 9, 1 September 1995 (1995-09-01), pages 49-56, XP000528008, ISSN: 0018-9162 ZHONGFEI ZHANG ET AL: "FACE DETECTION AND ITS APPLICATIONS IN INTELLIGENT AND FOCUSED IMAGE RETRIEVAL", Tools with Artifical Intelligence, 1999, Proceedings 11th IEEE International Conference on Chicago, IL, USA 9-11 Nov. 1999, Los Alamitos, CA, USA, IEEE Comput. Soc., US, 9 November 1999 (1999-11-09), pages 121-128, XP010365153, ISBN: 0-7695-0456-6	purs.	US2002/0039447A1	04-04-2002	Shniberg et al.	382	224				
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6,128,102 10-03-2000 Ota 555 403 Who 6,253,201B1 06-26-2001 Abdel-Mottaleb et al. 707 4 FOREIGN PATENT DOCUMENTS Examiner Initial* DOCUMENT NUMBER DATE OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) ROHINI K SRIHARI: "AUTOMATIC INDEXING AND CONTENT-BASED RETRIEVAL OF CAPTIONED IMAGES" Computer, IEEE Computer Society, Long Beach, CA, US, US, Vol. 28, No. 9, 1 September 1995 (1995-09-01), pages 49-56, XP000528008, ISSN: 0018-9162 ZHONGFEI ZHANG ET AL: "FACE DETECTION AND ITS APPLICATIONS IN INTELLIGENT AND FOCUSED IMAGE RETRIEVAL", Tools with Artifical Intelligence, 1999, Proceedings 11th IEEE International Conference on Chicago, IL, USA 9-11 Nov. 1999, Los Alamitos, CA, USA, IEEE Comput. Soc., US, 9 November 1999 (1999-11-09), pages 121-128, XP010365153, ISBN: 0-7695-0456-6		3,670,310	06-13-1972	Bharwani et el.	707	3				
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